



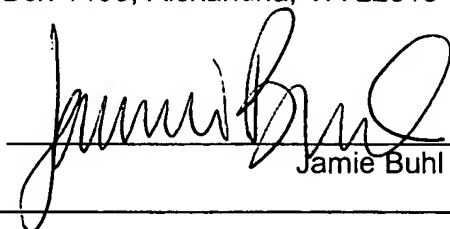
GAU 1645
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Stengele, Klaus-Peter and Pfeiderer, Wolfgang
Title: **Multimer Polynucleotide Synthesis**
Application Number: 10/754,447
Filing Date: January 9, 2004
Group Art Unit: 1645
Attorney Docket No.: 2315-1-3

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Jamie Buhl

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97

July 28, 2004

TO THE COMMISSIONER FOR PATENTS:

In compliance with the duty of disclosure under 37 CFR § 1.56, Applicant submits herewith patents, publications, or other information for consideration during the examination of this application.

In accordance with 37 CFR § 1.97, the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made nor that the information cited in the statement is or is considered to be "material" to patentability as defined in 37 CFR § 1.56(b).

X Charge any additional fees to Deposit Account No. 07-1897

X A postcard as acknowledgement of receipt of Form PTO-1449 and copies of the documents cited in the attached form are enclosed.

Respectfully submitted,

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Form PTO-1449		Docket Number (Optional) 2315-1-3		Application Number 10/754,447			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant(s) Klaus-Peter Stengele and Wolfgang Pfeleiderer					
		Filing Date January 9, 2004		Group Art Unit 1645			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO 00/61594	10/19/2000	PCT	C07H	19/06	X (Abstract)	
	DE 19915867	10/19/2000	Germany	C07H	19/02	X (Abstract)	
	DE19938092	2/22/2001	Germany	C07H	19/073	X (Abstract)	
	DE 69125380	6/2/1993	Germany	C07H	19/067	X (Abstract)	
	WO 93/21203	10/28/1993	PCT	C07H	21/04		
	DE 3916871	11/29/1990	Germany	C07H	21/04	X (Abstract)	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Giegrich, H., et al., New Photolabile Protecting Groups in Nucleoside And Nucleotide Chemistry – Synthesis, Cleavage Mechanisms And Applications, Nucleosides and Nucleotides, Vol. 17, No. 9-11, 1987-96, XP-002159918, (1998).					
		Horn, Thomas, et al., Oligonucleotides With Alternating Anionic and Catatonic Phosphoramidate Linkages: Synthesis and Hybridization of Stereo-uniform Isomers, Tetrahedron Letters, Vol. 37, No. 6, 743-746 (1996).					
		Ibelgaufits, Horst, Gentechnologie von A bis Z, Weinheim, VHC Verlagsgesellschaft, Pages 241-243 and 348, (1993) (with English translation of abstract).					
		Kumar, G., et al., Improvements in Oligodeoxyribonucleotide Synthesis: Methyl N, N-Dialkylphosphoramidite Dimer Units for Solid Support Phosphite Methodology, XP-002058338, J. Org. Chem., 49: 4905-12, (1984).					
		Letsinger, Robert L., et al., Use of p-Nitrophenyl Chloroformate in Blocking Hydroxyl Groups in Nucleosides, XP-002220640, (1966).					
		Pirrung, Michael C., et al., 3'-Nitrophenylpropyloxycarbonyl (NPPOC) Protecting Groups for High-Fidelity Automated 5'→3' Photochemical DNA Synthesis, XP-002220639, Organic Letters, 3(8): 1105-08, (2001).					
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EXAMINER			DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							